

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Ralph M. ELLISON et al.

Title:

COMPOSITIONS AND METHODS FOR THE TREATMENT OF PRIMARY AND METASTATIC NEOPLASTIC DISEASES USING

ARSENIC COMPOUNDS

Appl. No.:

10/649,944

Filing Date:

08/28/2003

Examiner:

Not yet assigned

Art Unit:

1614

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Mail Stop PATENT APPLICATION Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450

Sir:

The USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) to submit copies of U.S. patents and U.S. patent application publications when citing and submitting an Information Disclosure Statements in a patent application filed after June 30, 2003 and in an international application that has entered the national stage under 37 USC §371 after June 30, 2003. Accordingly, copies of these types of documents are not being supplied in connection with this application. Reference is being made to Pre-OG Notice from Office of Patent Legal Administration dated July 25, 2003, *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003*.

Applicants submit herewith on Form PTO/SB/08 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 09/173,531, filed 10/15/1998. As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any

rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

The relevance of the foreign-language documents is explained in the parent application.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date December 23, 2003

FOLEY & LARDNER

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Stephen A. Bent Attorney for Applicant

Registration No. 29,768

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Date Submitted: December 23, 2003

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Sheet 1 of

Complete if Known			
Application Number	10/649,944		
Filing Dat	08/28/2003		
First Named Inventor	Ralph M. ELLISON		
Group Art Unit	1614		
Examiner Name	Unassigned		
Attorney Docket Number	077319-0384	-	

U.S. PATENT DOCUMENTS						
F		U.S. Patent (Document		Date of Publication of	Pages, Columns, Lines,
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
		132,275		Gettings	10/15/1872	
		232,807		Dennett	10/05/1886	
		3,700,498		Kanazawa et al.	10/24/72	
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		F(DREIGN PATENT DOCUMEN	TS	· · · · · · · · · · · · · · · · · · ·	
Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		JP-51-88620		03/08/76		
		WO 95/01789		1/19/95		1
		CN 1133725 A		10/23/96		
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Substitute for form 1449B/PTO /RADEM				Complete if Known		
	INFORMATIO	N DISCLO	SURE	Application Number	10/649,944	
STATEMENT BY APPLICANT				Filing Date	08/28/2003	
Date Submitted: December 23, 2003				First Nam d Inventor	Ralph M. ELLISON	
				Group Art Unit	1614	
	(use as many she	eets as ne	cessary)	Examiner Name	Unassigned	
Sheet	2	of	6	Attorney Docket Number	077319-0384	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T'
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Sheet

Substitute for form 14498 APPARE Complete if Known **INFORMATION DISCLOSURE Application Number** 10/649,944 STATEMENT BY APPLICANT **Filing Date** 08/28/2003 **First Named Inventor** Ralph M. ELLISON Date Submitted: December 23, 2003 **Group Art Unit** 1614 (use as many sheets as necessary) **Examiner Name** Unassigned 3 of 6 Attorney Docket Number 077319-0384

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т6
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Examiner	Date
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Substitute f	or form 1449B		Complete if Known	
INFORMAT	ION DISCLOSURE	Application Number	10/649,944	
STATEMEN	IT BY APPLICANT	Filing Date	08/28/2003	$\neg \neg$
Data Submitto	d: December 23, 2003	First Named Inventor	Ralph M. ELLISON	
Date Submitted	d. December 23, 2003	Group Art Unit	1614	
_(use as many	sheets as necessary)	Examiner Name	Unassigned	
4	of 6	Attorney Docket Number	077319-0384	

_		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
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Examiner	Date
Signature	Considered

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	Substitute for form 1449B/PTS TRADE			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 23, 2003			OSURE	Application Number	10/649,944	
			.ICANT	Filing Dat	08/28/2003	
			r 23 2002	First Named Inventor	Ralph M. ELLISON	
	Date Submitted.	Decembe	1 23, 2003	Group Art Unit	1614	
(use as many sheets as necessary)			ecessary)	Examiner Name	Unassigned	
Sheet	5	of	6	Attorney Docket Number	077319-0384	

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹					
		Sun et al., "Ai Ling #1 and Traditional Chinese Medicine in the Treatment of 32 patients with Acute Promyelocytic Leukemia", Chinese J. of Traditional Chinese and Western Medicine 1(3), 1992.				
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ ⁶			
		"Letter on Historical Facts Regarding the Development of Ai Ling. No. 1 and the Clinical Use of Arsenic Trioxide in the Treatment of Acute Promyelocytic Leukemia and a Study of its Mechanism" Heilongjiang Branch of the Chinese Medical Association, March 27, 1998.				
		Wang et al., "Arsenic Trioxide and Melarsprol Induced Programmed cell death in myeloid leukemia cell lines and function in PML and PNL-RARα Independent Manner," Blood, 92(5):1497-1504, 1998.				
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		USP Dictionary of USAN and International Drug Names, United States Pharmacopeial Conventions, Inc., Rockville Md., p. 59, November 1995				
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		Wang et al., "Arsenic and the Treatment of Leukemia" J. Harbin Medical University, Vol. 31, No. 5, October 1997				

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